

ELECTRICAL INSTALLATION CONDITION REPORT

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS
— BS 7671 (IET WIRING REGULATIONS))

SELECT
MEMBERSHIP
NUMBER
20052

This certificate is not valid if the
number is defaced or altered

EICR 112267

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SECTION A. DETAILS OF THE CLIENT / PERSON ORDERING THE REPORT

Name: J. LUNDON
Address: BLAIRHOCH, BALLOCH

SECTION B. REASON FOR PRODUCING THIS REPORT

Reason: LETTING OUT PROPERTY
Date(s) on which inspection and testing was carried out: 12-07-19

SECTION C. DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier:
Address: ARDEN COTTAGE, ARDEN
Description of premises (Tick as appropriate): Domestic ☒ Commercial ☐ Industrial ☐ Other ☐
Estimated age of the wiring system: 25 years. Evidence of additions or alterations Yes ☒ No ☐ Not apparent ☒
If "Yes" estimate age: 1 years. Installation records available? (Regulation 621.1) Yes ☐ No ☐ Date of last inspection: 16-6-14

SECTION D. EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report: ALL CIRCUITS TESTED
Agreed limitations including the reasons (Regulation 634.2):
LOW INSULATION RESISTANCE TESTS OF LICHENS NOT CARRIED OUT.
Agreed with (name):
Operational limitations including the reasons:

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to 2015. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground have **not** been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

SECTION E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):
IS IN A GOOD CONDITION
Overall assessment of the installation in terms of its suitability for continued use
SATISFACTORY / ~~UNSATISFACTORY~~ (Delete as appropriate)
*An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified.

SECTION F. RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration.
Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 13-7-24 (date)

SECTION G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in Section D of this report.

Inspected and tested by:

Name (Capitals) W. SHARP
Signature W. Sharp
For/on behalf of W. SHARP
Position OWNER
Address ROSE BANK, CARTOCHARD
Date 12-07-19

Report authorised for issue by:

Name (Capitals) W. SHARP
Signature W. Sharp
For/on behalf of W. SHARP
Position OWNER
Address ROSE BANK, CARTOCHARD
Date 12-07-19

SECTION H. SCHEDULE(S) 2 schedule(s) of inspection and 1 schedule(s) of test results are attached.

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

SECTION J. PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Main Protective Conductors

Main Switch / Switch-Fuse / Circuit-Breaker / RCD

SECTION K. OBSERVATIONS

[illegible]

☐ Additional observations are recorded on the following number of continuation sheet(s)

OUTCOMES		Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	NV	Limitation	LIM	Not applicable	N/A
ITEM No.	DESCRIPTION											OUTCOME			
												Use codes above. Provide additional comment where appropriate. C1,C2,C3 and FI coded items to be recorded in Section K of the Condition Report			
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT														
1.1	Condition of service cable											✓			
1.2	Condition of service head											✓			
1.3	Condition of distributor's earthing arrangement											✓			
1.4	Condition of meter tails – Distributor/Consumer											✓			
1.5	Condition of metering equipment											✓			
1.6	Condition of isolator (where present)											N/A			
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)														
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54)														
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)											✓			
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)											N/A			
3.3	Provision of earthing / bonding labels at all appropriate locations (514.13.1)											✓			
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)											✓			
3.5	Accessibility and condition of earthing conductor at main earthing terminal (MET) (543.3.2)											✓			
3.6	Confirmation of main protective bonding conductor sizes (544.1)											✓			
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)											✓			
3.8	Accessibility and condition of other protective bonding connections (543.3.2)											✓			
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)														
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)											✓			
4.2	Security of fixing (134.1.1)											✓			
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)											✓			
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)											✓			
4.5	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))											✓			
4.6	Presence of main linked switch (as required by 537.1.4)											N/A			
4.7	Operation of main switch (functional check) (612.13.2)											✓			
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2)											✓			
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)											✓			
4.10	Presence of RCD quarterly test notice at or near consumer unit / distribution board (514.12.2)											✓			
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)											✓			
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)											N/A			
4.13	Presence of other required labelling (please specify) (Section 514)											N/A			
4.14	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3)											✓			
4.15	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)											✓			
4.16	Protection against mechanical damage where cables enter consumer unit / distribution board (522.8.1; 522.8.11)											✓			
4.17	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1)											N/A			
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2)											✓			
4.19	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)											✓			
4.20	Confirmation of indication that SPD is functional (534.2.8)											✓			
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)											✓			
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)											N/A			
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)											N/A			

OUTCOMES	Acceptable condition ✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation FI	Not verified	NV	Limitation	LIM	Not applicable	N/A
ITEM No.	DESCRIPTION										OUTCOME	
											Use codes above. Provide additional comment where appropriate. C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report	
5.0	DISTRIBUTION / FINAL CIRCUITS											
5.1	Identification of conductors (514.3.1)										✓	
5.2	Cables correctly supported throughout their run (522.8.5)										N/V	
5.3	Condition of insulation of live parts (416.1)										✓	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)											
	a) To include the integrity of conduit and trunking systems (metallic and plastic)											
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)										✓	
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)										✓	
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)										✓	
5.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)										✓	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)										✓	
5.10	Concealed cables installed in prescribed zones (see Section D. <i>Extent and limitations</i>) (522.6.202)										N/V	
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. <i>Extent and limitations</i>) (522.6.201; 522.6.204)										N/V	
5.12	Provision of additional protection by RCD not exceeding 30 mA											
	a) for all socket-outlets of rating 20 A or less, unless an exception is permitted (411.3.3)										✓	
	b) for supply to mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)										N/A	
	c) for cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)										N/V	
	d) for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)										N/V	
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)										N/V	
5.14	Band II cables segregated / separated from Band I cables (528.1)										N/V	
5.15	Cables segregated / separated from communications cabling (528.2)										N/V	
5.16	Cables segregated / separated from non-electrical services (528.3)										N/V	
5.17	Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526)											
	a) Connections soundly made and under no undue strain (526.6)										✓	
	b) No basic insulation of a conductor visible outside enclosure (526.8)										✓	
	c) Connections of live conductors adequately enclosed (526.5)										✓	
	d) Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)											
5.18	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))										✓	
5.19	Suitability of accessories for external influences (512.2)										✓	
5.20	Adequacy of working space / accessibility to equipment (132.12; 513.1)										✓	
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)										✓	
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER											
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)										✓	
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)										N/A	
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)										N/A	
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)										N/A	
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)										N/A	
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)										✓	
6.7	Suitability of accessories and control gear etc. for a particular zone (701.512.3)										✓	
6.8	Suitability of current-using equipment for particular position within the location (701.55)										✓	
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS											
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)											

Distribution Board Reference No.	Location and Type
LP1	LIVING ROOM SUPBOARD
	10WAY DUAL RCD

Details of circuits and/or installed equipment vulnerable to damage when testing

SNOW / WET - ADVIS

Phase sequence confirmed (where appropriate)

Z_g at DB Ω **35**
 I_{pf} at DB kA **70**
 Supply polarity confirmed ☒

CIRCUIT DETAILS

[illegible]

† Insert Reference Method (see Table 4A2 from BS 7671 Appendix 4)

*30mA RCDs only

Code for Wiring Type	A	B	C	D	E	F	G	H	O (Other - please specify)
	PVC/PVC	PVC in Metal Conduit	PVC in Plastic Conduit	PVC in Metal Trunking	PVC in Plastic Trunking	PVC/SWA	XLPE/SWA	Mineral Insulated	

TEST INSTRUMENTS USED

Manufacturer	Type	Serial No.	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified
ETHIOS	MUKTI 8400	800403	25-10-18				